## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No	09/438,310
Priority Filing Date	
Inventor	
Assignee	Micron Technology, Inc.
Priority Group Art Unit	2814
Priority Examiner	
Attorney's Docket No	
Title: Gated Semiconductor Assemblies	
Semiconductor Assemblies	

## <u>INFORMATION DISCLOSURE STATEMENT</u> <u>PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98</u>

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

The listed references were cited by, or submitted to, the Office in the parent, co-pending application of the above-identified application. The above-identified application is a continuation application of co-pending application Serial No. 09/438,310, filed November 10, 1999. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP § 609(2).

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: 30 Jan 2004

Bv:

Reg. No. 44,854

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-	AA	5,219	7,788	6/93	Abernathey et al.						
	AB	5,045	5,847	9/91	Tarui et al.						
	AC	5,045	5,345	9/91	Singer	Singer					
	AD	4,996	5,081	2/91	Ellul et al.						<u>,,</u>
	AE	3,884	1,698	5/75	Kakihama et al.						
	AF	5,518	8,946	5/96	Kuroda						
	AG	5,489	9,542	2/96	Iwai et al.						
	AH	4,330	),569	5/82	Gulett et al.						
	Al	4,499	9,656	2/85	Fabian et al.						
	AJ	5,554,418		9/96	Ito et al.					:	
	AK	5,926,739		7/99	Rolfson et al.						
	AL	4,874	1,716	10/89 Rao							
					FOREIGN PATENT DOCUMEN	TS					
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	AO	2129		GB	(5/84)						
	AP	2170	649	GB	(8/86)						
	AQ	2145	243	GB	(3/85)						
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-	AR		Silicon Proc. for VLS	GI; 177-178; Vol.	1; S. Wolf						
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	AS		Silicon Proc. for VLS	51; 191-193; Vol.	1; S. Wolf						
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_	AT		Silicon Proc. for VLS	SI; 37-38; 598-599	; Vol. 2; S. Wolf						
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				U.S. PATENT DOCUMENTS	November 10, 1999		2814		
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	AA	5,587,344	12/96	Ishikawa					
-	AB	4,439,270	3/84	Powell et al.					
	AC	5,773,325	6/98	Teramoto					
	AD	5,904,523	5/99	Feldman et al.					
	AE	5,891,793	4/99	Gardner et al.					
	AF	5,795,821	8/98	Bacchetta et al.					
	AG	5,918,147	6/99	Filipiak et al.					
	АН	5,882,978	3/99	Srinivasan et al.					,
	AI	4,612,629	9/86	Harari					
	AJ	5,831,321	11/98	Nagayama					
	AK	3,549,411	12/70	Bean					
	AL	4,446,194	5/84	Candelaria et al.					
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	AQ	Electronic Materials	Science: For Integ	rated Circuits; 1990 ©; Mayer et al;	pp. 269-274; Pub. 1990				
	AR	Intrinsic Stress in Si	licon Nitrida and	Silicon Dioxide Films Prepared by V		iouse, 1000	IEEE Internation	S O- 1	
		MA; June 5-8, 1988	, I page; Kanicki,	J. et al.			LLL DREIMAU.	Sympos, Oil	Licenteal INSU
	AS	Passivation of GaAs:	FET's with PECV	D Silicon Nitride Films of Different	Stress States; IEEE Tran	sactions on	Electron Device	es; Vol. 35, No	o. 9; Sept. 198
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Sheet 3 of 5 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Form PTO-1449 ATTY. DOCKET NO. Priority SERIAL NO. 09/438,310 M122-2478 LIST OF ART CITED BY APPLICANT APPLICANT (Use several sheets if necessary) Mark A. Helm Priority GROUP Priority FILING DATE November 10, 1999 U.S. PATENT DOCUMENTS Date \*Examiner Document Class Subclass Filing Date
If Appropriate Name Initial Number 4,485,553 12/84 Christian et al. AA AB 4,543,707 10/85 Ito et al. AC 5,098,865 3/92 Machado et al AD 5,160,998 11/92 Itoh et al. ΑE 5,306,946 4/94 Yamamoto ΑF 5,442,223 8/95 Fujii AG 5,523,616 6/96 Den AH 5,756,404 5/98 Friedenreich et. ΑI 5,834,374 11/98 Cabral Jr. et al ΑJ 4,695,872 9/87 Chatterjee AK 5,178,016 1/93 Dauenhauer et. AL 5,985,771 11/99 Moore et al. FOREIGN PATENT DOCUMENTS Document Date Country Class Subclass Translation Number Yes No AM ΑN ΑQ ΑP AQ OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) AR Silicon Nitride Overcoats for Thin Film Magnetic Recording Media; IEEE Transactions on Magnetics; Vol 27. No. 6, Nov. 1991; pp. 5070-5072 AS

ΑT **EXAMINER** DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AB	4,868	8,632	9/89	Hayashi						
	AC	5,304	4,829	4/94	Mori et al.	·					
	AD	5,925	5,494	7/99	Horn					T	
	AE	4,075	5,367	2/78	Gulett			·		- i	
	AF	4,732	2,858	3/88	Brewer et al.						
	AG	4,698	8,787	10/87	Mukherjes st al.						
	ΑН	4,939	4,939,559 7/90 DiMaria et al.								
	AI	6,140	0,181	10/00	Forbes et al.						·
	AJ	6,143	5,143,627 11/00 Robinson								
	AK	5,877	7,069	3/99	Robinson						
	AL	6,093	3,956	7/00	Moore et al.						
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	AA	6,103,619	8/00	Lai						
	AB	6,265,241	7/01	Pan						
	AC	6,417,559 B1	07/02	Moore et al.			-			
	AD	6,300,253	10/01	Moore et al						
	AE	5,041,888	08/91	Possin et al.						
	AF	6,143,662	11/00	Rhodes et al.				-		
	AG	5,985,771	4/7/98	Moore, John T.					-	
	AH	6,420,777	07/02	Lam et al.			_		-	
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